

Sheet 1 of 1

FORM PTO-1449 U.S. Department of Commerce (Rev. 2-83) Patent and Trademark Office  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO.  60,132-083	SERIAL NO.  09/980,836
	APPLICANT Herman DeWeerd et al.	
	FILING DATE November 15, 2001	GROUP 1451 To Be Assigned

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
RL	4 9 3 1 2 2 3	6/5/90	Bronstein et al.			
I	5 8 1 7 4 6 2	10/6/98	Garini et al.			
↓	6 0 0 7 9 9 4	12/28/99	Ward et al.			

## FOREIGN DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)

EXAMINER	Z G L O M E N	
DATE CONSIDERED	5/18/04	
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Form PTO-1449  
U.S. DEPARTMENT OF  
COMMERCE PATENT AND TRADEMARK  
OFFICEATTY. DOCKET NO.  
60,132-083SERIAL NO.  
09/980,836APPLICANT:  
DeWeerd et al.INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTFILING DATE  
04/16/02GROUP:  
1623  
1651

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## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub- Class	Filing Date
RG	4 6 2 6 6 8 4	12/02/86	Landa	250	328	07/13/83
	5 8 0 5 3 4 2	09/08/98	Gravely	359	618	10/30/96
	5 3 5 5 2 1 5	10/11/94	Schroeder et al.	356	317	09/30/92
	5 0 9 1 6 5 2	02/25/92	Mathies et al.	250	458.1	06/01/90
	5 8 4 7 0 1 9	12/08/98	Conrad et al.	422	2	03/07/97
	5 7 3 6 2 5 7	04/07/98	Conrad et al.	428	474.4	04/25/95
✓	5 5 0 6 0 9 8	04/09/96	Zarling et al.	435	6	09/04/91

## FOREIGN PATENT DOCUMENTS

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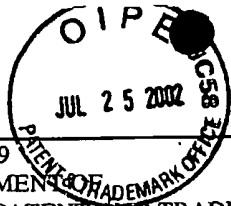
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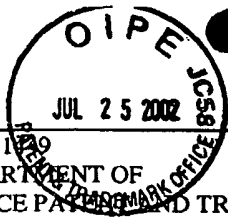


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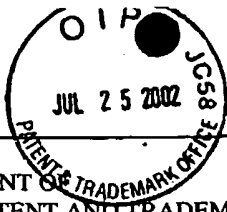
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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 60,132-083		SERIAL NO. 09/980,836								
		APPLICANT: DeWeerd et al.										
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE 04/16/02		GROUP: 1623 1657								
U.S. PATENT DOCUMENTS												
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RG	4	2	8	4	8	9	7	08/18/81	Sawamura et al.	250	461	03/31/78
	4	7	3	3	0	6	3	03/22/88	Kimura et al.	250	201	12/15/86
	4	8	2	7	1	2	5	05/02/89	Goldstein	250	234	04/29/87
	5	0	3	5	4	7	6	07/30/91	Ellis et al.	350	6.5	06/15/90
	5	0	6	5	0	0	8	11/12/91	Hakamata et al.	250	216	10/17/90
	5	0	7	2	3	8	2	12/10/91	Kamentsky	364	413.08	10/02/89
	5	0	8	1	3	5	0	01/14/92	Iwasaki et al.	250	234	09/24/90
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Examiner	RG/romer						Date Considered					5/18/04
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		APPLICANT: DeWeerd et al.										
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE 04/16/02		GROUP: 1657 1623								
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126	5	0	8	4	6	1	2	01/28/92	Iwasaki et al.	250	216	10/22/90
	5	1	2	2	6	5	3	06/16/92	Ohki	250	216	08/09/90
	5	1	2	7	7	3	0	07/07/92	Brelje et al.	356	318	08/10/90
	D	3	6	9	3	5	3	04/30/96	Hofman-IGL	014	116	08/11/94
	5	1	3	2	5	2	6	07/21/92	Iwasaki	250	201.3	04/09/91
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE 04/16/02	GROUP: 1623 1657

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub- Class	Filing Date
RG	5 1 4 4 4 7 7	09/01/92	White	359	368	01/30/91
	5 1 6 8 1 5 7	12/01/92	Kimura	250	234	11/20/91
	5 1 9 2 9 8 0	03/09/93	Dixon et al.	356	326	06/26/91
	5 2 2 5 6 7 1	07/06/93	Fukuyama	250	216	04/06/92
	5 2 6 0 5 6 9	11/09/93	Kimura	250	234	06/29/92
	5 2 6 0 5 7 8	11/09/93	Bliton et al.	250	461.1	04/30/92
	5 2 7 4 2 4 0	12/28/93	Mathies et al.	250	458.1	02/24/92

## FOREIGN PATENT DOCUMENTS

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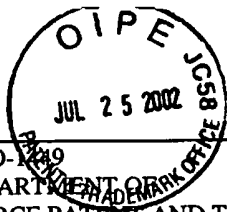
## OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)


Examiner <i>RG</i>	Date Considered <i>5/18/04</i>
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U.S. PATENT DOCUMENTS												
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	5	2	9	6	7	0	3	03/22/94	Tsien	250	235	04/01/92
	5	3	0	4	8	1	0	04/19/94	Amos	250	458.1	07/16/91
	5	3	4	3	0	3	8	08/30/94	Nishiwaki et al.	250	234	12/10/92
	5	3	5	5	2	5	2	10/11/94	Haraguchi	359	369	01/26/93
	5	3	8	1	2	2	4	01/10/95	Dixon et al.	356	72	08/30/93
<i>✓</i>	5	3	8	6	1	1	2	01/31/95	Dixon	250	234	12/23/92
FOREIGN PATENT DOCUMENTS												
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OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)												
Examiner	<i>RL G. TOWEN</i>						Date Considered <i>5/18/04</i>					
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	APPLICANT: DeWeerd et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE 04/16/02	GROUP: 1651 1623

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub- Class	Filing Date
DLG	5 3 8 9 7 8 3	02/14/95	Shionoya et al.	250	234	06/09/93
	5 4 5 2 3 8 2	09/19/95	Shionoya et al.	385	11	07/25/94
	5 4 5 9 3 2 5	10/17/95	Hueton et al.	250	458.1	07/19/94
	5 5 3 5 0 5 2	07/09/96	Jorgens	359	388	07/14/93
	5 5 5 7 1 1 3	09/17/96	Moorhouse et al.	250	559.38	02/18/94
	5 5 7 8 8 1 8	11/26/96	Kain et al.	250	234	05/10/95
	5 4 2 4 8 4 1	06/13/95	Van Gelder et al.	356	417	05/28/93

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub- Class	Filing Date

## OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)


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	APPLICANT: DeWeerd et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE 04/16/02	GROUP: 1623

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Examiner Initial	Document No.	Date	Name	Class	Sub-Class	Filing Date
RG	5 0 3 7 2 0 7	08/06/91	Tomei et al.	356	444	03/28/88
	4 9 7 2 2 5 8	11/20/90	Wolf et al.	358	93	07/31/89
	4 8 7 7 9 6 6	10/31/89	Tomei et al.	250	458.1	01/29/88
	4 7 5 8 7 2 7	07/19/88	Tomei et al.	250	458.1	02/12/86
	4 5 2 5 0 3 0	06/25/85	Montagu et al.	350	255	08/26/82
	5 6 6 8 6 4 4	09/16/97	Kuroina et al.	358	480	03/29/95
	5 5 8 1 0 8 2	12/03/96	Hansma et al.	250	306	03/28/95

FOREIGN PATENT DOCUMENTS

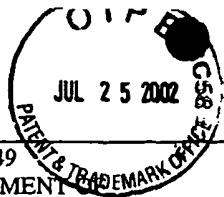
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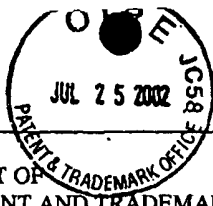

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Examiner Initial	Document No.	Date	Name	Class	Sub- Class	Filing Date
<i>zo</i>	5 5 5 7 4 5 2	09/17/96	Harris	359	368	02/06/95
	5 5 6 3 7 1 0	10/02/96	Webb et al.	356	445	10/28/94
	5 5 7 3 9 0 9	11/12/96	Singer et al.	435	6	05/20/94
	5 5 8 1 3 4 5	12/03/96	Oki et al.	356	4.01	12/28/94
	5 5 8 3 3 4 2	12/10/96	Ichie	250	459.1	09/07/95
	5 5 8 7 8 3 2	12/24/96	Krause	359	385	10/20/93
	5 5 8 9 9 3 6	12/31/96	Uchikawa et al.	356	345	09/10/93
FOREIGN PATENT DOCUMENTS						
Examiner Initial	Document No.	Date	Name	Class	Sub- Class	Filing Date
OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)						
Examiner	<i>R. BITOMER</i>		Date Considered <i>5/18/04</i>			
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## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub- Class	Filing Date
Re	5 5 9 4 2 3 5	01/14/97	Lee	250	201.3	06/07/95
	5 6 1 4 7 0 8	03/25/97	Koishi et al.	250	244	01/25/96
	5 6 3 1 7 3 4	05/20/97	Stern et al.	356	317	02/10/94
	5 6 4 6 4 1 1	07/08/97	Kain et al.	250	458.1	02/01/96
	5 6 4 8 2 2 1	07/15/97	Suga	435	7.21	06/14/94
	5 6 7 2 8 8 0	09/30/97	Kain	250	458.1	03/15/96
	5 6 7 4 6 9 8	10/07/97	Zarling et al.	435	7.92	03/30/95

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## OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)


Examiner	Reitman	Date Considered	8/18/04
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## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub- Class	Filing Date
165	5 6 7 5 1 4 5	10/07/97	Toda et al.	250	234	07/03/95
	5 7 6 0 9 5 1	06/02/98	Dixon et al.	359	385	08/30/93
	5 6 8 2 0 3 8	10/28/97	Hoffman	250	458.1	04/06/95
	5 6 9 1 8 3 9	11/25/97	Kobayashi	359	385	04/11/94
	5 7 0 5 8 2 1	01/06/98	Barton et al.	250	458.1	11/07/96
	5 7 1 3 3 6 4	02/03/98	Debaryshe et al.	128	664	08/01/95
	5 7 4 2 4 1 9	04/21/98	Dickensheets et al.	359	201	12/19/95

## FOREIGN PATENT DOCUMENTS

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Examiner <i>R. BITOMBA</i>	Date Considered <i>5/18/04</i>
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OFFICE

ATTY. DOCKET NO.  
60,132-083

SERIAL NO.  
09/980,836

APPLICANT:  
DeWeerd et al.

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FILING DATE  
04/16/02

GROUP:  
1623

### U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub-Class	Filing Date
<i>RG</i>	5 7 7 0 7 3 7	06/23/98	Reinhardt et al.	546	285	09/18/97
	5 7 1 7 5 1 9	02/10/98	Sugiyama et al.	359	368	07/03/96
	5 7 3 7 1 2 1	04/07/98	Dixon	359	388	07/01/96
	5 7 6 0 9 5 0	06/02/98	Maly et al.	359	368	07/25/96
	5 7 6 0 9 0 1	06/02/98	Hill	356	345	01/28/97
	5 7 1 9 3 9 1	02/17/98	Kain	250	235	03/15/96
	5 7 3 6 4 1 0	04/02/98	Zarling et al.	436	172	06/07/95

### FOREIGN PATENT DOCUMENTS

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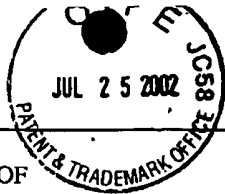
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	5	8	1	7	4	6	2	10/06/98	Garini et al.	435	6	04/22/96
	4	6	6	1	6	9	9	04/28/87	Welmers et al.	250	235	02/10/86
	5	0	3	2	9	2	4	07/16/91	Brown et al.	358	231	04/10/89
	5	2	0	0	8	3	8	04/06/93	Nudelman et al.	358	443	11/23/90
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	5	5	6	1	6	1	1	10/01/96	Avinash	364	553	10/04/94	
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